

# Converting Colors

Hex(1C8DF9)

Have a look what the booklet for  
Hex(1C8DF9) contains.

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# Color

**Hex(1C8DF9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C8DF9
RGB	28, 141, 249
RGB Percent	11%, 55%, 98%
CMY	0.8902, 0.4471, 0.0235
CMYK	0.89, 0.43, 0.00, 0.02
HSL	209°, 95%, 54%
HSV	209°, 89%, 98%
XYZ	27.1026, 26.1362, 93.2389
YIQ	119.5250, -102.0160, 9.6320

# Conversions

## Conversions Part 2

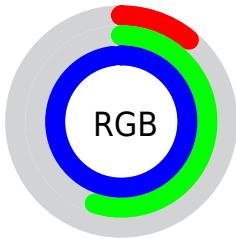
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 103, 249
Decimal	1871353
CIE Lab	58.17, 9.42, -62.05
CIE LCh	58, 62.760, 278.631
Yxy	26.1362, 0.1850, 0.1784
Android (android.graphics.Color)	4280061433 (0xFF1C8DF9)
YUV	119.5250, 63.8312, -80.2674
Hunter-Lab	51.1236, 5.1638, -72.3463

# Details

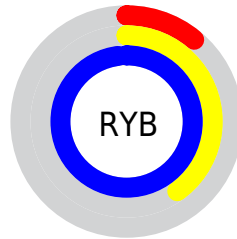
The Hex color **1C8DF9** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **F9881C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **74C2FF**, and **005CC0** is the 20% darker color. If you saturate the color by 10%, you get **0381F9**, and if you desaturate by 10%, it is **3599F9**.

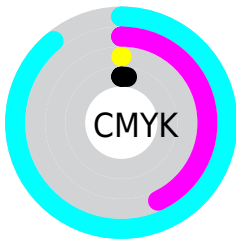
# Distribution



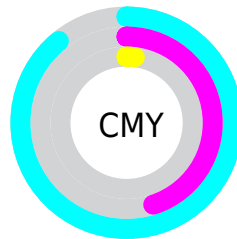
- Red (11%)
- Green (55%)
- Blue (98%)



- Red (11%)
- Yellow (40%)
- Blue (98%)



- Cyan (89%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (89%)
- Magenta (45%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C8DF9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1C8DF9 by changing the saturation by 10% instead.



 1C8DF9

 1C8DF9

FFFFFF

 0074DC

 74C2FF

 005CC0

 96DEFF

 0045A4

 B6FAFF

 003089

 D5FFFF

 001D6F

 F5FFFF

 000B56

 00063E

 000327

 000110

■ 1C8DF9

■ 1C8DF9

■ 0381F9

■ 3599F9

■ 007FF9

■ 4EA5F9

■ 67B2F9

■ 80BEF9

■ 99CAF9

■ B1D6F9

■ CAE2F9

■ E3EEF9

■ FCFBF9

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



009CF2



1C8DF9



A276E2

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1C8DF9



E5634A



00A361

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1C8DF9



F9881C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5D9C2D



1C8DF9



C67A1C

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1C8DF9



EE557E



988E01



00A69B

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1C8DF9



CB65C6



988E01



0DA14F

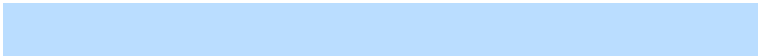


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1C8DF9



BADDFE



1CF987



576C80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1C8DF9



0082FF



1C20F9



70777D



0060BD



001F3D



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F91C8D



FF0082



F9F51C



7D7077



BD0060



3D001F



# Previews

## White Background



This preview shows how the Hex color 1C8DF9 looks on a white background.

## Color Contrast Check

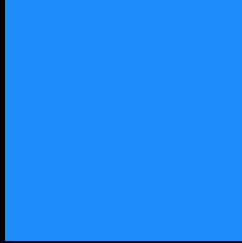
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 1C8DF9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

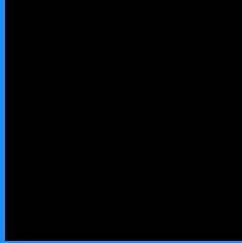
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

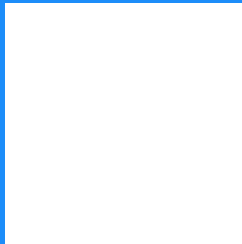
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C8DF9 Background



This preview shows how black text looks on a background with the Hex color 1C8DF9.



This preview shows how white text looks on a background with the Hex color 1C8DF9.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

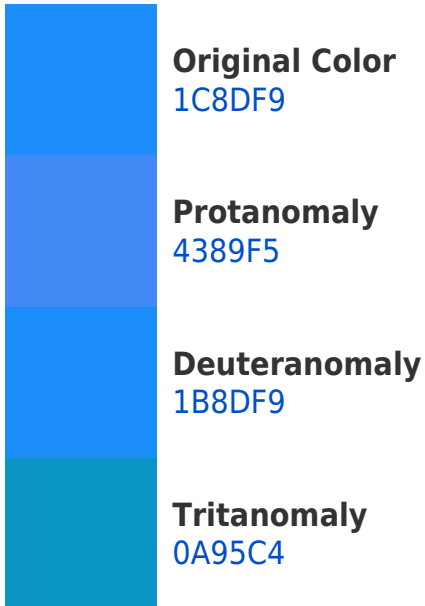
## Dichromacy





**Tritanopia**  
009AA5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C8DF9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1C8DF9 looks like.

```
.text, #text, p{  
    color:#1C8DF9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1C8DF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8DF9
}
```

## Border

The CSS property to change the border of an element to Hex 1C8DF9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C8DF9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1C8DF9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1C8DF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8DF9; -webkit-box-shadow:4px 4px  
4px 4px #1C8DF9; box-shadow:4px 4px 4px  
4px #1C8DF9 }
```

# Background

The CSS property to change the background color of an element to Hex 1C8DF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8DF9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1C8DF9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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